

CLAIMS

WHAT IS CLAIMED IS:

1. An apparatus, comprising:
a port;
5 the port adapted to couple with a handheld computer;
a processor coupled to the port;
a second port coupled to the processor;
the second port adapted to communicatively couple with an input device;
the input device comprising a mouse;
10 the processor having memory; and
the memory stores a code that enables the input device coupled to the
second port to communicate with a handheld computer coupled to the port.
2. The apparatus of claim 1 wherein the port is a Universal Serial Palm
15 Connector.
3. The apparatus of claim 1 wherein the processor is an embedded processor.
4. The apparatus of claim 1 wherein the code is adapted to display a cursor
20 on a handheld computer display.
5. The apparatus of claim 1 further comprising a serial USB chip coupled
between the processor and a serial USB port.
- 25 6. The apparatus of claim 1 wherein the second port is a PS2 port.

7. The apparatus of claim 6 further comprising a sync button coupled to the processor that allows a handheld computer coupled to the port to sync with a device coupled to the serial USB port.

5 8. The apparatus of claim 1 wherein the second port comprises a USB port.

9. The apparatus of claim 1 further comprising a third port adapted to couple to a second input device.

10 10. The apparatus of claim 1 wherein the second port is adapted to communicate with an input device via a short range radio signal.

11. The apparatus of claim 1 wherein the memory comprises a keyboard interface that converts a keyboard input value received on the second port into a signal representing that input value for a handheld computer coupled to the port.
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12. The apparatus of claim 1 wherein the memory comprises a mouse interface that converts a mouse input value received on the second port into a signal representing that input value for a handheld computer coupled to the port.
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13. The apparatus of claim 1 further comprising a virtual communication driver (VCD) in communication with the memory, the VCD resident on a handheld computer.

14. The apparatus of claim 1 wherein the handheld computer is a smart phone.

25 15. The apparatus of claim 1 wherein the handheld computer is a personal digital assistant.

16. An apparatus, comprising:
a port;
the port adapted to couple with a handheld computer;
5 a processor coupled to the port;
a second port coupled to the processor;
the second port adapted to communicatively couple with an input device;
a third port;
the third port adapted to couple to a second input device;
10 the input device comprising a mouse;
the processor having memory; and
the memory stores a code that enables the input device coupled to the second
port to communicate with a handheld computer coupled to the port; and
the code is adapted to display a mouse cursor on a handheld computer
15 display.

17. The apparatus of claim 16 wherein the memory comprises a mouse interface
that converts a mouse input value received on the second port into a signal
representing that input value for a handheld computer coupled to the port.

18. A method in a computer system, comprising:
detecting a docking event on a first port;
automatically enabling an input device coupled to a second port to
communicate with a handheld computer coupled to the first port; and
5 displaying on the handheld computer a cursor whose position is controlled by
the input device;
the input device comprising a mouse; wherein
the first port and the second port are maintained on a single cradle.

10 19. The software system of claim 18 further comprising disabling the input
elements of a handheld computing device that is coupled to the first port prior to the
act of automatically enabling.

15 20. The software system of claim 18 further comprising disabling the second port
when a sync command is received.